

- 2 -

At page 12, line 23, please change "60" to --160--.

At page 12, line 25, please change "62" to --162-- and "64" to --164--.

At page 15, line 1, please change "right" to --left--.

At page 15, line 2, please change "left" to --right--.

At page 19, line 1, please change "request," to --request 203,--.

REMARKS

Via this amendment, several corrections and minor amendments are made to the specification and drawings to correct obvious errors therein, and to eliminate the multiple use of several reference characters that were discovered during the preparation of formal drawings. Also enclosed is a set of formal drawings, and a marked up set of informal drawings with changes marked in red.

If there are any questions concerning the foregoing, the Examiner is invited to contact the undersigned at the number listed below.

Respectfully submitted,

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Attorney's Docket No.: E0295/7066
Date: August 6, 1999

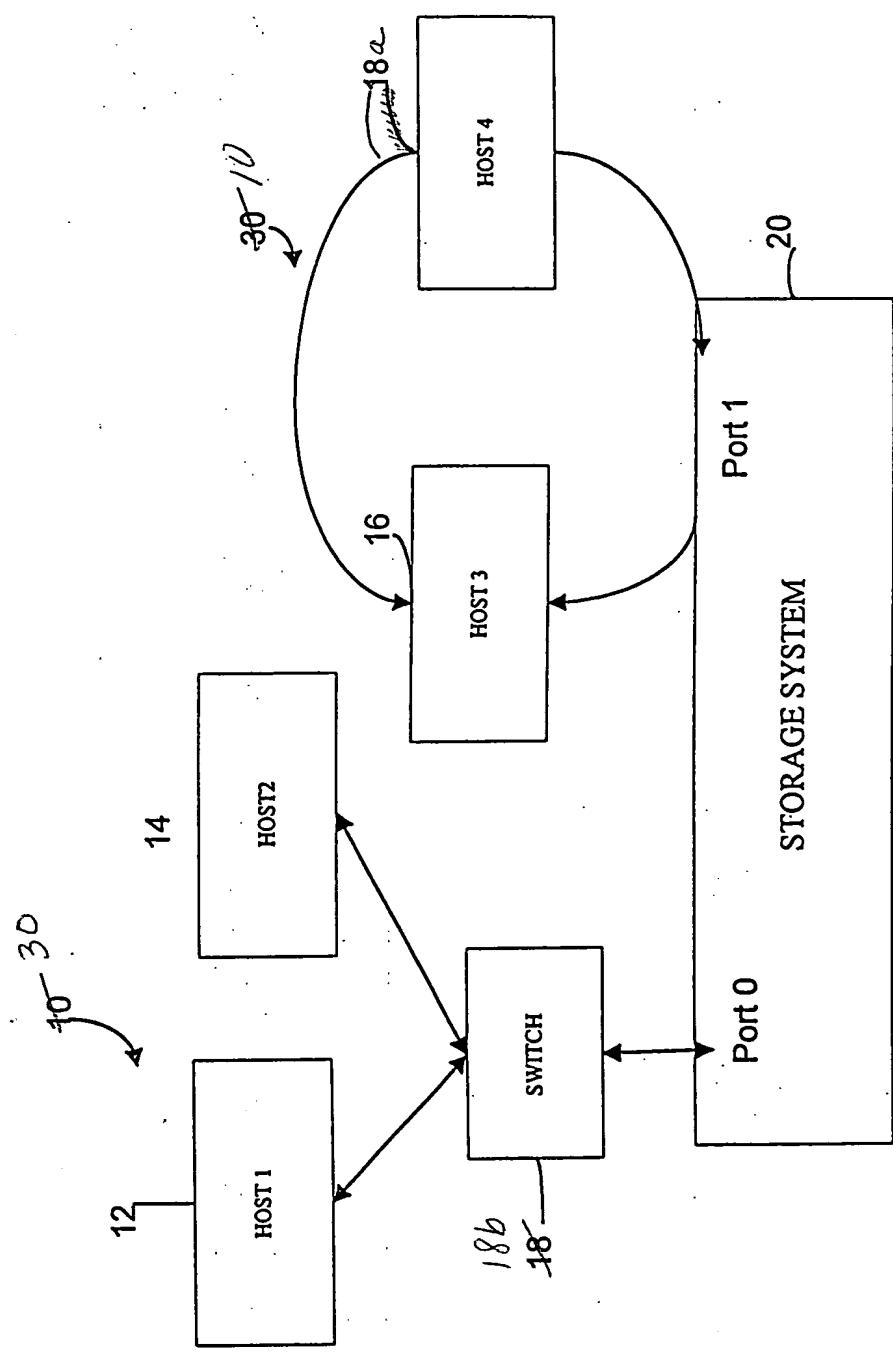


FIG. 1C

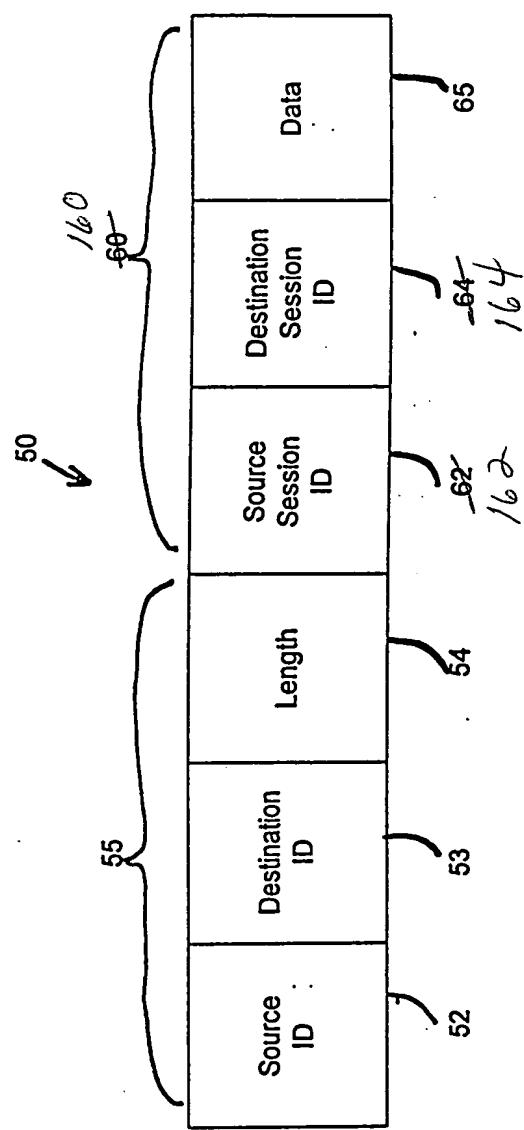


FIG. 2

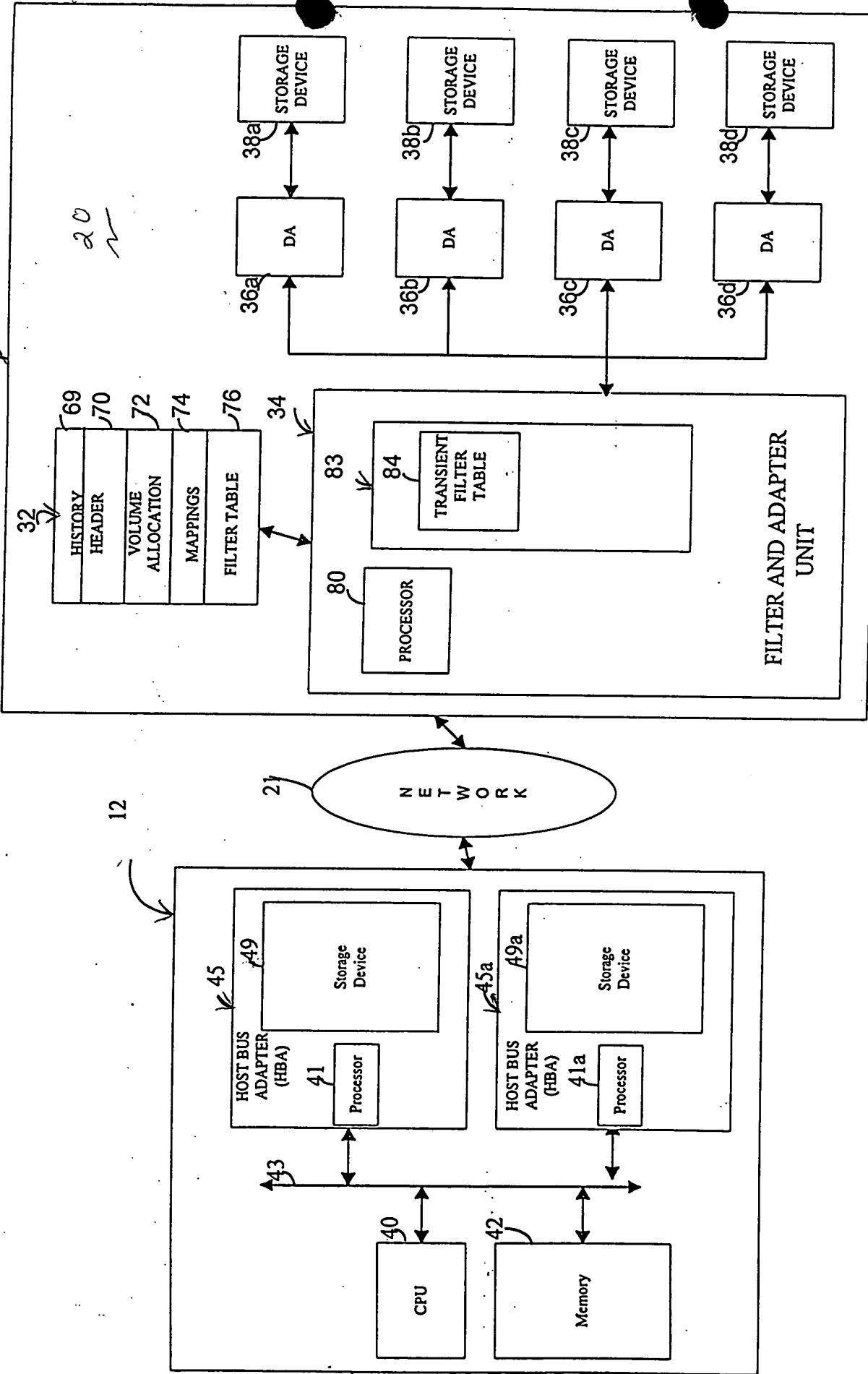


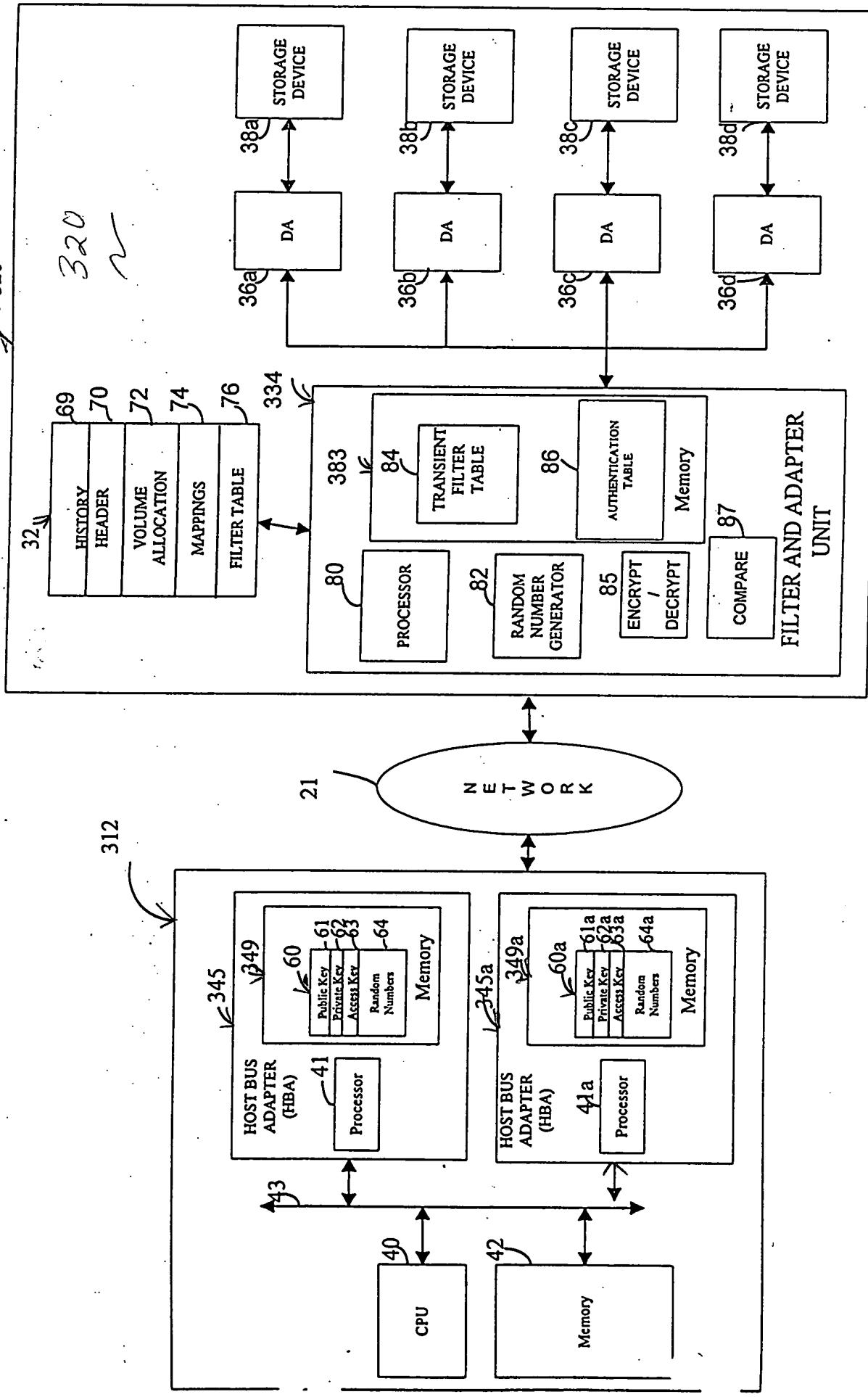
FIG. 3

76

HBA WWN	FLAG	LUN BITMAP
HBA WWN	FLAG	LUN BITMAP
HBA WWN	FLAG	LUN BITMAP
HBA WWN	FLAG	LUN BITMAP
HBA WWN	FLAG	LUN BITMAP
HBA WWN	FLAG	LUN BITMAP
HBA WWN	FLAG	LUN BITMAP
HBA WWN	FLAG	LUN BITMAP
HBA WWN	FLAG	LUN BITMAP
HBA WWN	FLAG	LUN BITMAP
HBA WWN	FLAG	LUN BITMAP
HBA WWN	FLAG	LUN BITMAP

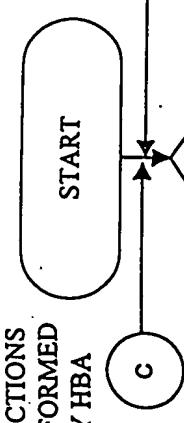
FIG. 4

FIG. 6



FUNCTIONS
PERFORMED
BY HBA

Made $\delta_a + \delta_b$ into
 $\delta_a, \delta_b, \delta_c$

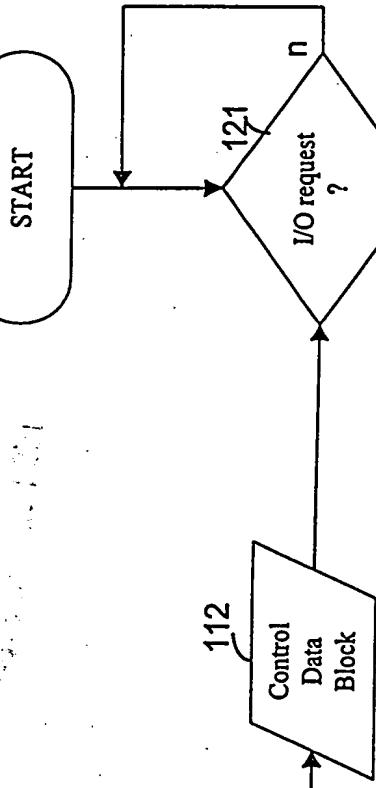


110 Win arbitration for access to storage system?

y

120 Issue Control Data Block to server

n



112 Control Data Block

121 I/O request?

n

y

122 Issue Random # to HBA

122a Random # using access key
encrypt key

126 Response?

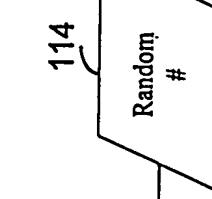
n

y

127

Compare encrypted random #s

B



114 Random #

123 Receive Random #?

n

124 Encrypt Random # using access key, forward to storage system

125 Encrypted Random #

128 STATUS

129 OK to send?

n

y

Done

A

FUNCTIONS PERFORMED BY STORAGE SYSTEM

320



121 I/O request?

n

y

122 Issue Random # to HBA

122a Random # using access key
encrypt key

126 Response?

n

y

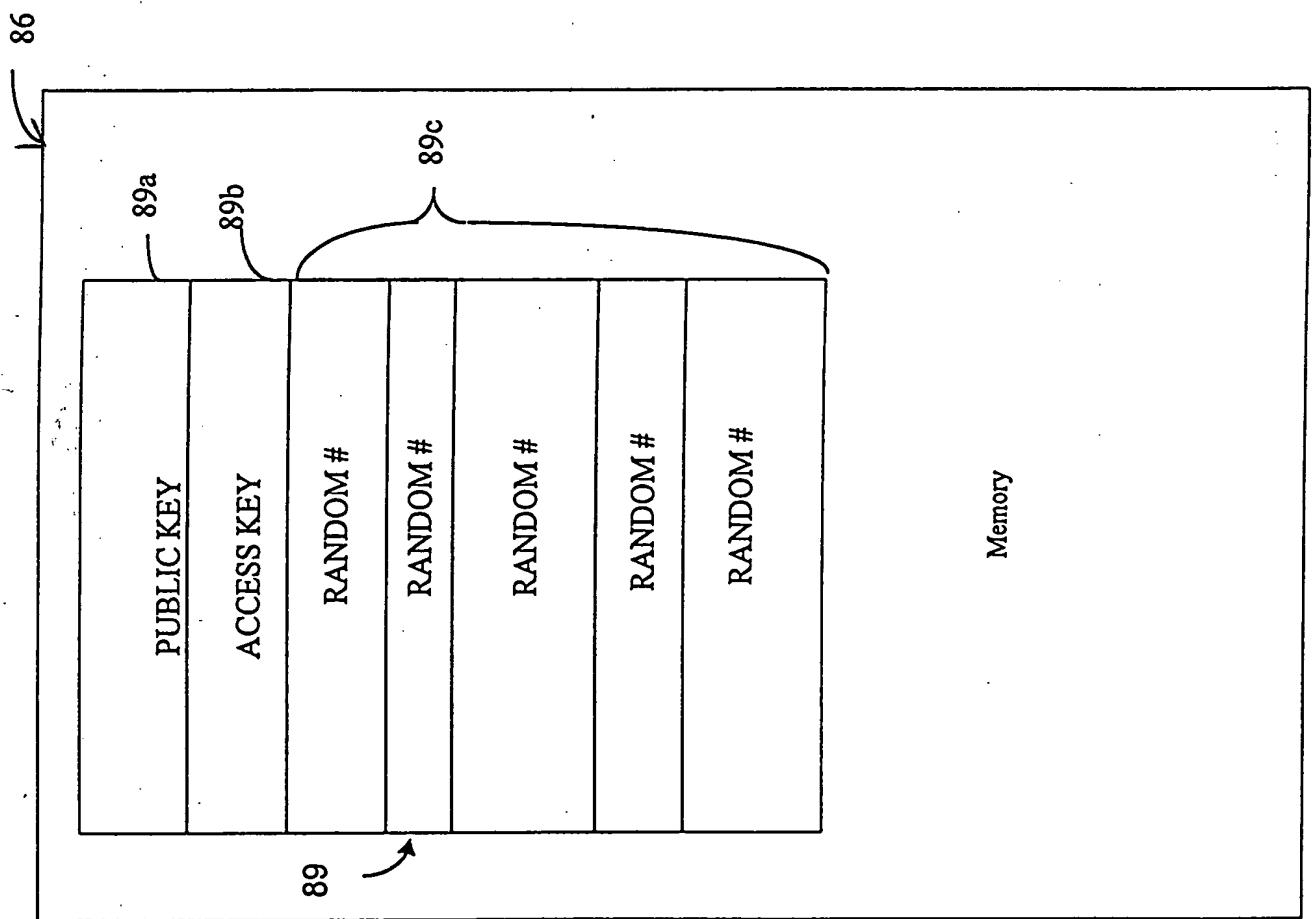
127

Compare encrypted random #s

B

FIG. 8a

FIG. 9



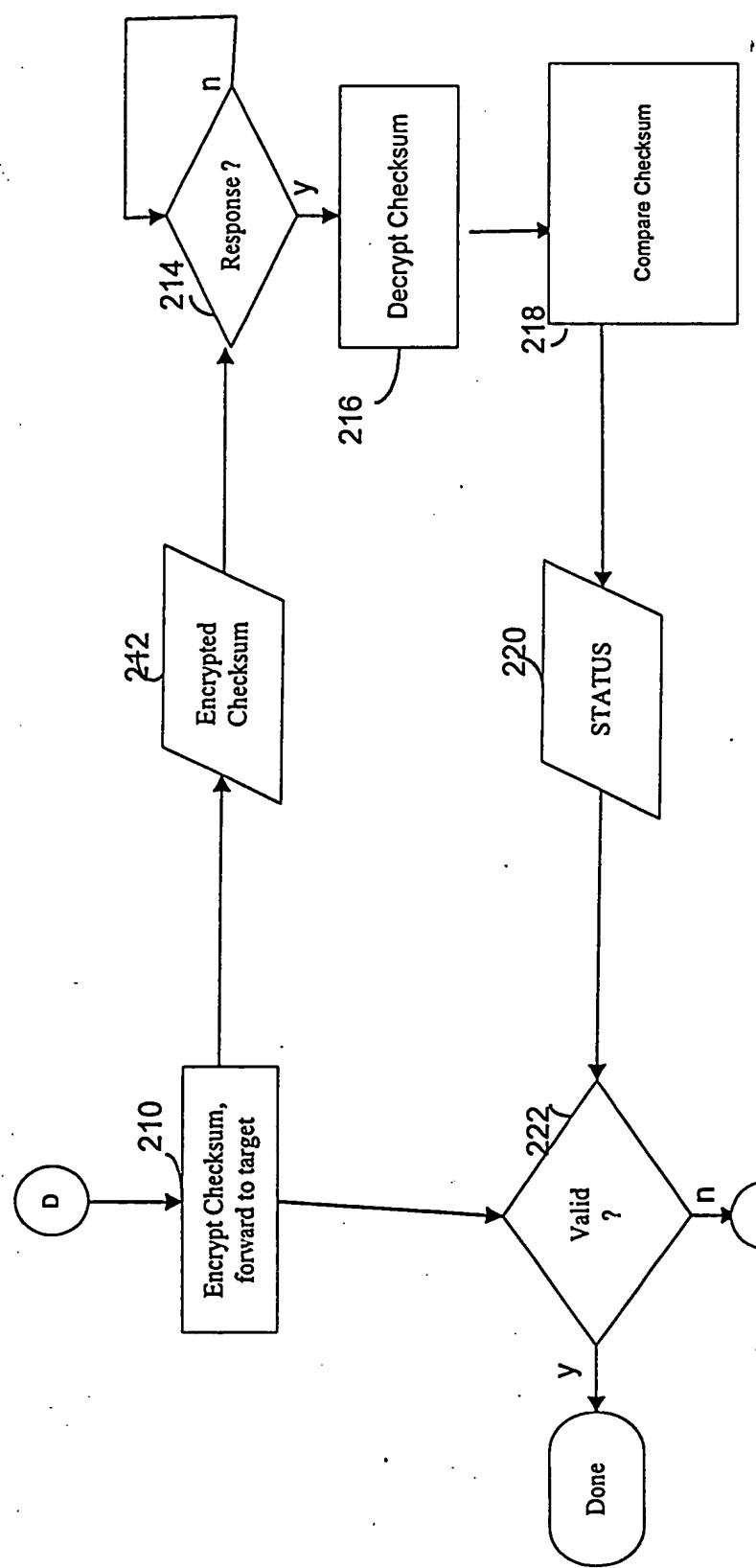


FIG. 11

(Fig. 7)
(Fig. 8a)